ZyXEL

Power Up Your Network

200Mbps HomePlug

- Data Transmission Rate of Up to 200 Mbps over the Power Line
- Protect Network with Advanced 128-bit AES Security
- No Other Cable Required
- HomePlug Instant Encrypt Button to Secure Your Powerline Network
- Multi-colored LED to Indicate Data Transmission Rates over Powerline

Benefits

Data Transmission Rates of Up to 200 Mbps

ZyXEL's Powerline Series is an access extension solution to have your house completely networked with existing power lines. Thanks to the advanced HomePlug AV Technology, the PLA-400 v2 is capable of transmitting data at up to 200 Mbps. It allows you to share network resources and enjoy Internet access through secure high-speed data connection over the house power lines you already have.

High Speed and QoS for High-Definition Video Streams

The inherent advanced QoS features enable the HomePlug AV Series to be an ideal access tool for service providers to deliver "Triple-play" multimedia services such as high-quality digital video streams, high-speed Internet access and voice services.

Advanced 128-bit AES Security Protection

With the 128-bit Data Encryption Security (AES) feature, the PLA-400 v2 provides secure network connection for Internet access and network resource sharing. Just enjoy fast Internet surfing experience and secure file transfer and leave the sweats to the PLA-400 v2.

Powerline Ethernet Adapter

PLA-400 v2

HOMEPLUG

ZyXEL

Powerline Ethernet Adapter

PLA-400 v2

Specifications

System Specifications

- Network Standard:
  HomePlug AV 200 Mbps data rate compliant
- Power Line Network:
  Supports up to 16 Powerline devices communicating on a single network. Each Powerline Ethernet adapter supports 15 remote Ethernet addresses. With total 4 groups then it can support up to total 64.
- Modulation:
  OFDM Symbol Modulation, Supports QAM 1024/256/64/16, DQPSK, DBPSK and ROBO Carrier modulation schemes
- Frequency Band: 1.7 MHz ~ 30 MHz
- Coverage Area: up to 300 meters
- Security:
  - 128 bit AES encryption
  - Pushbutton Encryption

Hardware Specifications

- Interface: 10/100 Mbps Ethernet port with MDI/MDIX
- One Power Input: 100-240 VAC, 50 ~ 60 Hz, 0.13 A
- LED Display on Top-Case
  - Power
  - Powerline Link and Activity
  - Ethernet Link and Activity

Physical Specifications

- Dimensions: 112 (W) x 106 (D) x 28.5 (H) mm
- Weight: 185 g

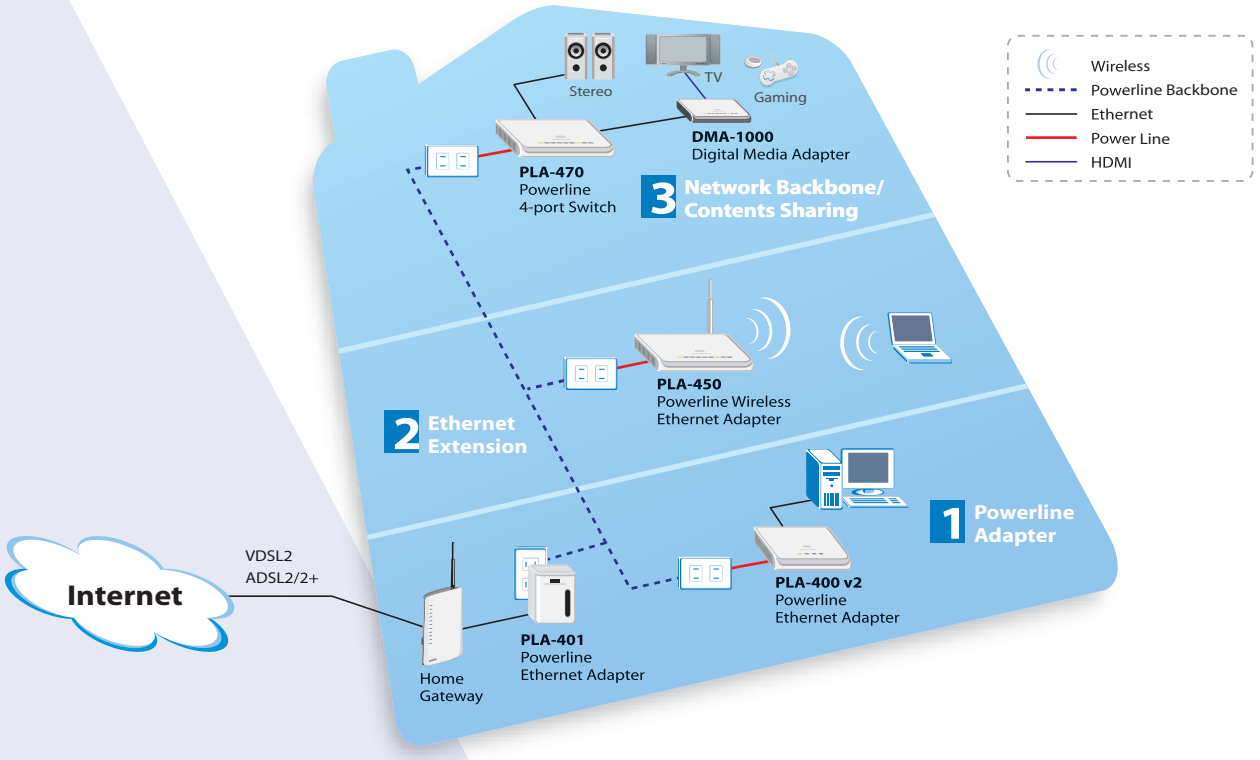
Environmental Specifications

- Operating temperature: 0°C ~ 40°C
- Operating humidity: 20% ~ 95% RH
- Storage temperature: -20°C ~ 60°C
- Storage humidity: 20% ~ 95% RH

Certification

- Safety: UL/cUL, LVD
- EMI: CE, FCC part 15B
- HomePlug Certification: HomePlugAV

Application Diagram



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65-100-040007B 10/07